

## AMENDMENTS TO THE ABSTRACT

### ~~METHOD AND APPARATUS FOR INTEGRATED MODELING, SIMULATION AND ANALYSIS OF CHEMICAL AND BIOCHEMICAL REACTIONS~~

5           An integrated system for modeling, simulating and analyzing chemical and  
biochemical reactions includes a modeling environment for constructing a model of a  
chemical or biochemical reaction. The system also includes a simulation engine accepting as  
input said the constructed model of the chemical or biochemical reaction and generating as  
10       output an expected result. An analysis environment communicates with the simulation  
engine and displays the expected result.